Translation







PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

24 JAN 2005

Applicant's or agent's file reference M/43167-PCT	FOR FURTHER ACTION	ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day/i	date (day/month/year) Priority date (day/month/year			
PCT/EP2003/008013	22 July 2003 (22.07	.2003)	23 July 2002 (23.07.2002)		
International Patent Classification (IPC) or n C07D 239/54	ational classification and IPC	· · · · · · · · · · · · · · · · · · ·			
Applicant	BASF AKTIENGESELI	LSCHAFT			
 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 					
2. This REPORT consists of a total of	4 sheets, including	ng this cover sl	neet.		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a to	tal of sheets.				
3. This report contains indications relat	ting to the following items:		To the second se		
I Basis of the report			•		
II Priority					
III Non-establishment o	of opinion with regard to novelty	, inventive ste	p and industrial applicability		
IV Lack of unity of inve	IV Lack of unity of invention				
Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
VI Certain documents of	VI Certain documents cited				
VII Certain defects in the international application					
VIII Certain observations on the international application					
Date of submission of the demand Date of completion of this report			f this report		
30 January 2004 (30.01.2004)		14 October 2004 (14.10.2004)			
Name and mailing address of the IPEA/EP		Authorized officer			
Facsimile No.		Telephone No.			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internat	application No.
PCT	/EP2003/008013

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1.	With	regard t	ard to the elements of the international application:*	
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3.	With prelin	contair filed to furnish	gard to any nucleotide and/or amino acid sequence disclosed in the international ary examination was carried out on the basis of the sequence listing: ntained in the international application in written form. The ed together with the international application in computer readable form. The entire this Authority in written form. The entire the entire the international application in computer readable form.	application, the international
!		The st interna	e statement that the subsequently furnished written sequence listing does not go be ernational application as filed has been furnished.	beyond the disclosure in the
		The sta	e statement that the information recorded in computer readable form is identical to the en furnished.	e written sequence listing has
4.			the description, pages the claims, Nos the drawings, sheets/fig	
5.		This rep	s report has been established as if (some of) the amendments had not been made, since the ond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**	ey have been considered to go
	ın ını	icement s is report 10.17).	ent sheets which have been furnished to the receiving Office in response to an invitation w port as "originally filed" and are not annexed to this report since they do not cont).	nder Article 14 are referred to tain amendments (Rule 70.16
**.	Any re	eplaceme	cement sheet containing such amendments must be referred to under item 1 and annexed to	this report.

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ARY EXAMINATION REPORT

International	application No.	
PCT,_P	03/08013	

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applications and explanations supporting such statement
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1.	Statement			
	Novelty (N)	Claims	1-20	YES
		Claims		NO
	Inventive step (IS)	Claims	1-20	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-20	YES
		Claims		NO

Citations and explanations

The following documents are considered to represent relevant prior art:

- (A) WO 9206962
- (B) WO 0183459
- (C) WO 9828280
- (D) WO 03029226

This report will not at present take document (D) into further consideration since it was published after the priority date of the present application.

Novelty (PCT Article 33(2))

The present application is considered to concern a novel selection of the disclosure in document (A). Owing to the specific phenyl substituents, the claimed herbicides additionally appear to be novel with respect to (B) and (C).

Inventive step (PCT Article 33(3))

The problem addressed by the present application is considered to be that of preparing further heterocyclic herbicides.

Documents (A) to (C) each disclose heterocyclic herbicides; each of the three documents could be considered the closest prior art. They recommend as the molecule centre a phenyl ring which, in the relative meta position, carries a nitrogenous heterocyclic ring, such as a uracil or pyrazole ring, for example, and a carboxyl derivative to the person skilled in the art seeking further herbicidal compounds. The special carboxamide substituents of the present application display an unexpected improvement of the herbicidal effect with respect to the compounds in document (B), as the test reports of 20 July 2004 demonstrate. Inventive step within the meaning of PCT Article 33(3) can therefore be recognized for all the compounds that solve the problem of interest.